

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001295**Date Inspected:** 12-Sep-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**Location:** Changxing Dao, Shanghai**Quality Control Contact:** William (Bill) Oak**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** Office, Cross Beam #2, Lift 3 West, Lift 3 East**Bid Item:** 77, 78, 79**Lot No:** B265**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. James Lumley arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

Office

Discussed with Task Leader Mahlon Lindenmuth use of alternate coating inspectors and transmitting updates relative to coatings work on project. Listing of qualified personnel to be generated and forwarded for identification and allocation of personnel. Attend to project documentation and files.

Cross Beam #2

Internal Final Acceptance Inspection requested by ZPMC. Inspection revealed minor holidays which required attention and bolt holes lacking Interzinc 52, ZPMC QC Don Yao Fei directed personnel to amend and perform required repairs. After said repairs were performed ZPMC then commenced affixing component splice plates with temporary bolts to ready for transport to ship.

Lift 3 West

Cross beam bottom plate bolts and connection assemblies of adjacent areas. ZPMC perform work in accordance with SSPC SP-2 and applied Interzinc 52 to exposed surfaces of bolted assemblies.

Lift 3 East

Internal floor area and "T" Stiffeners ongoing repairs to damaged and contaminated surfaces and surfaces of previously applied damaged Interzinc 22. ZPMC continues to perform work without any notice of inspection for aspects of prescribed work relative to coatings application and surface preparation.

Note: All inspections were performed jointly with ABF & ZPMC QA/QC representatives and Caltrans QA

SOURCE INSPECTION REPORT

(Continued Page 2 of 2)

Lumley when achievable. International Protective Coatings technical service representative was available for inspections and consultation.

Summary of Conversations:

No relevant conversations on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, (858) 699-9549, who represents the Office of Structural Materials for your project.

Inspected By:	Lumley,James	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
